MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x1	30.00	0.15	0.75	6.75	
		1	30.00	0.90	0.15	4.05	
		2x1	15.80	0.15	0.75	3.56	
		1	15.80	0.90	0.15	2.13	
		2x1	21.60	0.15	0.75	4.86	
		1	21.60	0.90	0.15	2.92	
					qty	81.25 Cum	
				Qty ltd to Sdqty 80.85 Cum			
						4/9/13	

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 169995

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4	Providing and laying Position of Reinforced Cement Concrete of design mix M20 1:1.5:3 20mm aggregate etc complete	2x1	30.00	0.15	0.75	6.75	
		1	30.00	0.90	0.15	4.05	
		2x1	30.00	0.15	0.75	6.75	
		1	30.00	0.90	0.15	4.05	
		2x1	30.00	0.15	0.75	6.75	
		1	30.00	0.90	0.15	4.05	
		2x1	8.80	0.15	0.75	1.98	
		1	8.80	0.90	0.15	1.19	
		2x1	18.80	0.15	0.75	4.23	
		1	18.80	0.90	0.15	2.54	
		2x1	22.00	0.15	0.75	4.95	
		1	22.00	0.90	0.15	2.97	
		2x1	18.70	0.15	0.75	4.21	
		1	18.70	0.90	0.15	2.52	

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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಲೆಕ್ಕಪತ್ರ ಉಪವಿಭಾಗ. ದಾಸರಹಳ್ಳಿ ಪಾಲಿಕೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		18.00	15.80	284.40	0.62	176.33	
		18.00	21.60	388.80	0.62	241.06	
						5921.00 kgs	
					qty	59.21 qt	
6.	Providing and Removing Cutting Shuttering & Shuttering Propping etc. for Rec drain						
		2x2	30.00		1.20	144.00	
		2x2	30.00		1.20	144.00	
		2x2	30.00		1.20	144.00	
		2x2	8.80		1.00	35.20	
		2x2	18.80		1.00	75.20	
		2x2	22.00		1.00	88.00	
		2x2	18.70		1.00	74.80	
		2x2	30.00		1.00	120.00	
		2x2	15.80		1.00	63.20	
		2x2	21.60		1.00	86.20	
						974.80 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 169994

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~Ltd est. Qty =~~					~~80.85 Cum~~	
	(5) Providing TMT steel reinforcement for RCC work including cutting, bending, hooking etc.						
	main rods (10mm)	1790.00	2.90	5190.00	0.62	3218.42	
	distribution rods (10mm)	21.00	30.00	630.00	0.62	390.60	
		21.00	30.00	630.00	0.62	390.60	
		21.00	30.00	630.00	0.62	390.60	
		21.00	8.80	184.00	0.62	114.58	
		18.00	18.80	338.40	0.62	209.81	
		18.00	22.00	396.00	0.62	245.52	
		18.00	18.30	336.60	0.62	208.69	
		18.00	30.00	540.00	0.62	334.80	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 169993

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	18.80	1.10	0.15	3.10	
		1	29.00	1.10	0.15	3.63	
		1	18.90	1.10	0.15	3.09	
		1	30.00	1.10	0.15	4.95	
		1	15.80	1.10	0.15	2.61	
	5th Cross Munnchwara Block	1	21.60	1.10	0.15	3.56	
	Bad reaches	9	1.5	1.55	0.15	3.17	
						40.37 Cum	
	28/8/13						
(4)	Providing and laying position of of reinforced Cement Concrete in ... Base M20 with OPC Cement etc. ...						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	From pipe line to Vishal public School L/S	1	30.00	1.10	1.20	39.60	
		1	30.00	1.10	1.20	39.60	
		1	30.00	1.10	1.20	39.60	
		1	8.80	1.10	1.20	11.62	
		1	18.80	1.10	1.20	24.82	
		1	22.00	1.10	1.2	29.04	
		1	18.70	1.10	1.20	24.68	
		1	30.00	1.10	1.20	39.60	
		1	15.80	1.10	1.20	20.86	
	5th Cross P/S Muneshwara Block	1	21.60	1.10	1.20	28.51	
						297.92 Cum	
(3)	Providing and laying in position of plain Cement Concrete of Nominal mix M10 with OPC Cement etc.....						
	From pipe line to Vishal public School Road L/S	1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	8.80	1.10	0.15	1.45	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 169992

Serial No. 1st and Final

Name of work. Construction of Rcc Drain at Vishal public School in Ward No. 13 From Shettyhalli Sub Division. To

Name of Contractor of nature of Agency. Sri. Suresh.

Date of commencement of work.

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Pre Measurements. 19-8-13					
(1)	Earth work in Surface excavation in ordinary soil for building and lowering the ground manually etc.						
	Surandin Crossroad	2	55.00	0.45	0.45	22.28	
	Cross	2	45.00	0.45	0.45	18.23	
	Cross	2	40.00	0.45	0.45	16.20	
						56.70 Cum	
(2)	Earthwork excavation for foundation of buildings, Culverts, water Supply etc.						

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 169968

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Scaled Sketch for Spl. pipe line Road						
			18.50 M			↓ N	
			12.80 M				
	Washed portable Sclus		32.00 M			Rcc Drain with Cover Slabs	
			28.70 M			T-Block Pc	
	30.9.13		21.60 M				
		30	15.00				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Vide Item No (1 + 2)					56.70 297.92 354.62 Cum @ 60.00	Rs 21277.00
					Total Amt	= 1682122 Rs	
	Certified that 1) the Contractor has done Work satisfactorily 2) The Contractor has removed the debris from the Work Spot						
	ಸಹಿನೆ ಮತ್ತಿಸಲಾಗಿದೆ.						
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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 169967

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cr rd mixed slabs	1 —	15.80	0.90		14.22	C/Sht 6
		1 —	21.60	0.90		19.44	
		30 —	0.60	0.90		16.10	
					Qty	219.338 cum	38/9
					@	1345.00	Rs 294999.00
(8)	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work lead 10 km @ Basic rate for haulage of materials as per item No. 17.4/KSR 2013 : M 100-11.1 .... Rs 2.00 Tonne/km b) Average Earthwork 1.28 Tonne/km for Rs 2.00/km (c) Add loading and Unloading Complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Qty vide TMB/page 169994/2		Qty 974.80 Sqm @ 479.00 Rs 466929.00	
(7)	Providing and laying reinforced precast slabs of mix CC 1:11/2:3 using 20mm & downsize graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications.						
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	8.80	0.90		7.92	
		1	18.80	0.90		16.92	
		1	22.00	0.90		19.80	
		1	18.50	0.90		16.65	
		1	30.00	0.90		27.00	

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

169966

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials, labours, Hom of machinery complete as per specification						
						Qty Vide TMB / page 169994/2 Qty 39.21 Qty @ 6180.00 Rs 365918.00	
6	Providing and removing Centring & shuttering, struting, propping etc and removal of form work for Vertical surface such as walls at any thickness including attached pilasters, buttrums, plinth and string courses Cost of all materials, labours complete as per specifications.	3					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	Providing and laying in position Reinforced Cement Conduits of design Mixe M20 with OPC Cement @ 340kgs. with 20mm and down size graded granite metal, machine mixed, Conduits laid in foundation plinths and ground floor level for Roof Slabs, Staircase Infills, retaining walls, Return walls, walls including attached pilasters, Columns, piers, abutments, pillars posts & Struts, buttresses string & facing courses, Parapets coping, bed blocks anchor blocks, plain window cills, fillets etc., including cost of all materials labour tom of machinery, Curing Complete as per specification.					Qty Vide TMT3/page 169993/2 ✓ Ltr ext qty 80.85 ✓ @4370.00 Rs 353315.00	
5	Providing TMT steel Reinforcement for 12.cc work including Straightening, Cutting, bending, hooking, placing in position Tapping a/w/s						

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

169965

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Qty	297.92 @ 113.00	33665.00 DS
	(3) Providing and laying in position plain cement concrete of nominal mix M10 with OPC Cement @ 220kgs. with 40mm and down size graded granite metal machine mixed, compacted, in foundation and plinth including cost of all materials, labour, Hom of Machinery, curing complete as per specification.						
					Qty vide TMB/Page 169993		
					Qty	40.37 @ 3485.00	£ 140689

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth to be levelled after breaking of clods and neatly dressed Complete as per Specification, Qty Vide TMB /page 169992					qty 56.70 @ 94.00	Rs 5330.00
2	Earthwork excavation in foundation of buildings, culverts, water supply Sanitary lines and electrical conduits cutting in pits & in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depths including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of Excavation with lead up to 50m. after breaking of clods Complete as per specification. Qty Vide TMB /page 169992/2						

AEE(SSD) SBR(A1)/1714 d/30-9-13

BR 396/30-9-13

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

169964

Serial No. 1st and final

Name of work. Construction of Pee chain at Vrishal public School in Ward no. 13. From Shettyhalli Sub To Division.

Name of Contractor of nature of Agency. Sri. Suresh

Date of commencement of work.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Order no: EE/DD/WO/126/13-14						
	AA No: JC/D2/AA/562/12-13 Dt: 31.01.2013						
	TS No: EE/DD/TS/371/12-13 Dt: 05.02.2013						
	Jobcode: 613-13-000212						
	Date of Recording 30-9-13						
(1)	Earthwork in Surface Excavation in ordinary soil for levelling and lowering the ground manually and removing the excavated stuff to a distance not exceeding 20m and lift upto 1.5m Excavated surface levelled and neatly dressed disposed						